AEE, YSTSD
SBR No: 14/24-22
Date: 27/4/2021

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No 1st and part

Division: **BBMP / YNK** Sub-Division: **Yelahanka New town Sub – Division.**

YNK-DBR No.....
Date..... Dated Divisional

Bill Received No. Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 003-21-000043.**

Schedule Docket No. Head of Account: Est.Cost: **730.00 Lakhs** B.R.No. :

Name of Work : Comphrehensive Development of roads and drains at Adhitya nagara chikkabettahalli jyothinagara munishamappa layout and judicial layout in ward no -03 & 04 of yelahanka division (PACKAGE -05)

Name of Contractor and Full Address: **Sri G Chandrashekar, (Sri Sai Charan constructions) No 41, 8th cross swimming pool Extension, Malleshwaram Bangalore – 560003.**

Reference to Agreement No. EE/YNK.D/ E-PMT- 06 / **W.O/ 00 232 /2020-21** Date: 01-02-2021.

Certified that the measurements were taken by me on 26/03/2021 and recorded of Pages 117053 068 To ..... of measurement **Book No** 11711 and that the work is satisfactorily executed.

Contractor

Ramanjeevi
Officer-in-charge of work

Certified that the measurement were taken by me on 26/03/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 26/03/2021
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬ ಬ ಮ ಪ. ಬೆಂಗಳೂರು-106
Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
      adjusted towards cash advance recovery of
   b) Payments Now made } cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted

Bill Amount	2 60 98 323.00
(+) GST	31 31 798.00
TOTAL Amount	292 30 121.00
Less I.Tax	2 60 983.00
BG ST	2 60 983.00
BG ST	2 60 983.00
BG WWC	2 92 301.00
SBF	29 230.00
ROYALTY	14 706.25
FINE	—
FSD	—
OTHERS	
TOTAL DEDUCTION	15 75 105.25
NET Rs.	276 55 016.00

Contractor's Signature

Received Rs..... (in words).....
by cash and by adjustment of Payment as per memorandum
(in final settlement of

Witness
1.
2.

Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs..... Dated.....
Initials of Officer making payment

Audited & Admitted for Rs. 292 30 121.00
Two Crore ninety two Lakh thirty
thousand one hundred twenty One
276 55 016.00 by Cheque
and Rs. 15 75 105.00 by adjusement

Accts. Supdt.
yelahanka Division
BBMP

Exe. Engineer
yelahanka Division

sl no	Description of work	Unit
1	**Dismantling of existing structures** like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. complete with all lead and lift as per the direction of engineer-in-charge	Cum
2	**Removing and refixing** stone slabs of drains and pointing in CM (1:3) complete with all lead and lift as per the direction of engineer-in-charge	Cum
3	Removing and refixing of kerb stones complete with all lead and lift as per the direction of engineer-in-charge	m
4	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete with all lead and lift as per the direction of engineer-in-charge	Sqm
5	**Earthwork excavation** by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete with all lead and lift as per the direction of engineer-in-charge	Cum
10	**Plain cement concrete 1:3:6** mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete with all lead and lift as per the direction of engineer-in-charge	Cum
11	Providing and laying plain/reinforced cement concrete for side drains using **M20** nominal mix concrete with OPC at 300 kgs with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200 including cost of materials, labour, HOM complete with all lead and lift as per the direction of engineer-in-charge	Cum
12	Providing **T.M.T.** steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete with all lead and lift as per the direction of engineer-in-charge	Tn
13	Providing & laying **precast drain cover slab of 100 mm** thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete with all lead and lift as per the direction of engineer-in-charge	Sqm
14	Providing & laying **precast drain cover slab of 150 mm** thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge (2.0 x 0.60 x 0.15)Data rate	Sqm
16	Providing and fixing pre cast solid concrete **kerb stones** of size 450x150x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete with all lead and lift as per the direction of engineer-in-charge	No's

Unit	Measurment		Present Measurement			Total up-to date		Rema
	Qty	cost	Qty	Rate	Cost	Qty	cost	
Cum	-	-	65.26	705.84	46063.1	65.26	46063.1	
Cum	-	-	1647.12	116.81	192400.1	1647.12	192400.1	
m	-	-	2462.00 1110.00	110.13	(122744.30) 271140.1	2462.00 1110.00	271140.1	122744.30
Sqm	-	-	268.00	1171.43	313943.2	268.00	313943.2	
um	-	-	2085.96	230.82	481481.3	2085.96	481481.3	
um	-	-	28.08	4701.30	132012.5	28.08	132012.5	
m	-	-	53.56	7420.17	397424.3	53.56	397424.3	
	-	-	3.22	76551.29	246495.2	3.22	246495.2	
n	-	-	835.47	2452.68	2049140.6	835.47	2049140.6	NMSR
n	-	-	181.95	3135.91	570578.8	181.95	570578.8	NONSR
	-	-	2249.00 1665.00	453.89	755726.9 1020799.00	2249.00 1665.00	755726.9 1020799.00	

17	Painting **two coats** after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete with all lead and lift as per the direction of engineer-in-charge	Sqm
18	**Excavation for roadwork** in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete with all lead and lift as per the direction of engineer-in-charge	Cum
19	**Compaction of original ground** with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, complete with all lead and lift as per the direction of engineer-in-charge	Sqm
20	Construction of **granular sub-base** Grading-V as sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete with all lead and lift as per the direction of engineer-in-charge	Cum
21	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete with all lead and lift as per the direction of engineer-in-charge	Cum
22	Providing and applying **primer coat** with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502 Complete with all lead and lift and as per the direction of the Engineer-in-Charge	Sqm
23	Providing and laying **dense graded bituminous macadam** using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. Clause 505 of morth V revision using 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-30 Bitumen complete with all lead and lift as per the direction of engineer-in-charge	Cum
24	**Cleaning the existing black** topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete with all lead and lift as per the direction of engineer-in-charge	Sqm
25	Providing and applying **tack coat** using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete with all lead and lift as per the direction of engineer-in-charge	Sqm
26	Providing and laying **bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision. -using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen complete with all lead and lift as per the direction of engineer-in-charge	Cum

-	-	69.16	89.00	6155.2	69.16	6155.2	
-	-	999.09	68.40	68337.8	999.09	68337.8	
-	-	549.00	6.67	3661.8	549.00	3661.8	
-	-	242.22	2093.67	507128.7	242.22	507128.7	
-	-	304.58	2100.34	639721.6	304.58	639721.6	
-	-	20550.47	31.15	640147.1	20550.47	640147.1	
-	-	1027.52	6724.88	6909948.7	1027.52	6909948.7	
-	-	31425.28	5.56	174724.6	31425.28	174724.6	
-	-	31425.28	13.35	419527.5	31425.28	419527.5	
-	-	1257.01	7719.43	9703400.7	1257.01	9703400.7	

27	**Road Marking** with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete with all lead and lift as per the direction of engineer-in-charge	Sqm
28	Providing and fixing of **road stud** 100x 100 mm, diecast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, complete with all lead and lift as per the direction of engineer-in-charge	Nos
29	Construction of **dry lean cement concrete** mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications MORTH Specification No. 601 with OPC cement @150Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with slip form paver with electronic sensor complete with all lead and lift as per the direction of engineer-in-charge	Cum
30	constructing un-reinforced, plain cement Pavements using Grade **M-30** over a prepared base with OPC 360 kg/cum coarse aggregate at 0.69cum, fine aggregates at 0.46cum, Coarse and fine aggregate confirming to IS:383-2016 with Superplastizer at 3lts conforming to IS 9103-2008 mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micronthick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour, hire charges of machineries, all lead & lift charges etc., complete with all lead and lift as per the direction of engineer-in-charge	Cum

Certificates:

The above work is done satisfactorily

There is no department Material issue for the above work

This works comes under BBMP Limit.

Bill = ₹.63,79,007.00

(-) Data Soft = ₹6,19,718.00

B. Cost = ₹.37,59,289.00 (A)

(+) 12% GST = ₹8,51,114.00 (B)

∴ Total B. Cost A+A1 = ₹.66,10,403.00

(+) 12% GST B+B1 = ₹.60,98,321.00

₹.92,30,121.00

B. Cost (A1) ₹3,39,034.00

GST (B1) ₹.80,686.00

-	-	739.90	477.25	353117.3	739.90	353117.3	
-	-	506.00	374.90	189699.4	506.00	189699.4	
-	-	138.38	3988.20	551887.1	138.38	551887.1	
-	-	138.38	5468.90	756786.4	138.38	756786.4	
		Sub Total		26380926		26380926	26379007.3
		GST 12%		3165711		3165711	
		Total		29546638		29546638	

Ramayanfearil

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ-ಅಭಯಂತರಗರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

2 63 79 007 ·00
15 91 377 ·00
247 87 630 ·00
29 74 516 ·00

14 20 873 ·00
1 70 505 ·00

Bill cost 262 08 503 ·00
31 45 021 ·00
2,93,53,524 ·00